

DERWENT-ACC-NO: 1988-225968

DERWENT-WEEK: 198832

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TITLE: Reinforced belts for toothed drives - employs steel coils wound at teeth pitch, over or under the belt cord

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PRIORITY-DATA: 1986SU-4093353 (July 25, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1366744 A	January 15, 1988	N/A	003	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
SU 1366744A	N/A	1986SU-4093353	July 25, 1986

INT-CL (IPC): F16G001/28, F16G005/20

ABSTRACTED-PUB-NO: SU 1366744A

BASIC-ABSTRACT:

A drive belt for toothed or multiple-Vee drives has a wear-resistant elastomer base with moulded teeth reinforced by a cord and a wire spiral. The pitch of the spiral (5) coiled along the belt (1) is equal to the pitch of the teeth (2,3). The reinforcing coil is positioned below the cord (4) or, alternatively, encloses it. ADVANTAGE - The combination of belt, cord and reinforcing coil constitutes a 3-dimensional carcass which increases the longitudinal and transverse strength of the belt and its load capacity. Bul. 2/15.1.88

CHOSEN-DRAWING: Dwg.1/6

TITLE-TERMS: REINFORCED BELT TOOTH DRIVE EMPLOY STEEL COIL WOUND TOOTH PITCH

BELT CORD

DERWENT-CLASS: Q64

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1988-171946

